

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 059873-1334 - Transmission (Manual)

Sample No: LH

Oil Type: TDH FLUID SAE 70W80



#### Sample Information

Sample Number	LH	LH0250089	LH0199549	LH
Sample Date	14 Apr 2024	05 Jun 2023	08 Aug 2021	08 Jul 2021
Machine Hours	8009	0	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Bird's Hill Gravel and Stone Ltd.

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#### Oil Condition

Visc @ 40°C	cSt	35.2	34.4	42.0	36.1
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	8	8
Sodium	ppm	3	8	12	12
Potassium	ppm	<1	2	2	2

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



#### Wear Metals

Iron	ppm	50	18	12	17
Copper	ppm	<1	1	1	1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	2	1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	4	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	3813	3594	3432	3258
Magnesium	ppm	14	15	12	12
Zinc	ppm	1488	1493	1422	1395
Phosphorus	ppm	1210	1262	1229	1185
Barium	ppm	0	0	0	0
Boron	ppm	110	105	98	100

Depot: BIRWIN

Unique No: 5762047

Signed: Wes Davis

Report Date: 16 Apr 2024



### Graphs

